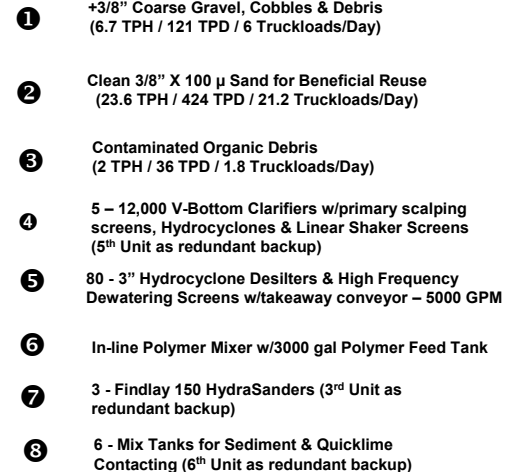


**5,000 gpm @ 7.5% Solids from 12" Hydraulic  
Cutterhead Dredge - 3,200 CY/Day (3,456 TPD)  
+3,038,600 GPD River Water (12,672 TPD)**

**This bar represents one  
inch on the original  
drawing**

$$1'' = 30'$$


3,200 CY/Day x 150 Days/yr = 480,000 CY/yr  
3,686,000 CY + 480,000 CY = 7.7 years  
3,200 CY/Day @ 1.08 Tons/CY = 3,456 TPD  
3,456 TPD ÷ 18 hrs/day = 192 TPH sediment  
Particle Size Distribution  
+3/8" - 10% of total solids  
3/8" x 100µ - 35% of total solids  
100µ x 45µ - 25% of total solids  
-45µ - 30% of total solids



**Shaw**  
Shaw E & I, Inc.

**Figure 5 - 21**  
**Fox River PCB Remediation Project**  
**5,000 GPM / 3,200 CY/Day / 3,456 TPD**  
**Mechanical Sediment Dewatering Operations**

**Figure 5 - 21**  
**Fox River PCB Remediation Project**  
**5,000 GPM / 3,200 CY/Day / 3,456 TPD**  
**Mechanical Sediment Dewatering Operations**